

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claims 1-18 (cancelled)

Claim 19 (currently amended) An in vitro buccal dissolution test, comprising the steps of:

- a) passing a release medium through a filtration cell having an outlet connected to a flow-through uv cell;
 - b) adding a test sample to said the filtration cell;
 - c) passing said the release medium through said the cells such that any undissolved portion of said the test sample is transferred out of said the filtration cell;
 - d) removing samples of said the release medium from said the flow-through uv cell, using the filtration cell such that said the samples of said the release medium do not contain any undissolved material;
 - e) maintaining the temperature of said the flow-through uv cell at the desired temperature for the duration of said the dissolution test;
 - f) analyzing said the samples of said the release medium from said the flow-through uv cell to determine the concentration of substance dissolved from said the test sample;
 - g) optionally, repeating said the step of analyzing said the samples of said the release medium at multiple time during the duration of said the dissolution test;
- wherein said the dissolution test is performed using apparatus comprising:
- A) a supply of said the release medium ~~that can be continuously passed into said cell~~;
 - B) a means for transferring solid particles out of said the filtration cell;
 - C) a means of mixing said the sample and said the release medium;
- wherein said the solid particles are of small particle size.

Claim 20 (currently amended) The in vitro buccal dissolution test method of claim 19, wherein the flow rate of said the release medium and volume of liquid in the flow-through uv cell is constant throughout said the dissolution test, further provided that said the flow rate of said the release medium, the temperature of said the release medium, said the volume of liquid in said the flow-through uv cell, and the amount of said the test sample are adjusted to give physiologically relevant conditions.

Claim 21 (currently amended) The buccal dissolution test method of claim 19, wherein said the release medium is a fluid of physiological relevance.

Claim 22 (currently amended) The in vitro buccal dissolution test method of claim 19, wherein ~~said the~~ release medium is selected from the group consisting of water, simulated saliva, and buffer solutions.

Claim 23 (currently amended) The in vitro buccal dissolution test method of claim 19, wherein ~~said the~~ test sample comprises an active substance used in the pharmaceutical industry.

Claim 24 (currently amended) The in vitro buccal dissolution test method of claim 19, wherein ~~said the~~ test sample has an objectionable taste.

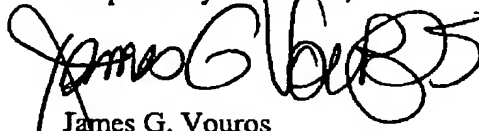
Claim 25 (currently amended) The in vitro buccal dissolution test method of claim 19, wherein ~~said the~~ means for transferring ~~said the~~ particles out of ~~said the~~ cell comprises tubing of internal diameter of 0.5 to 3.0mm, and wherein ~~said the~~ solid particles are carried through ~~said the~~ tubing by the flow of ~~said the~~ release medium.

CONCLUSION

Applicants have provided a complete listing of the claims for the Examiner's review. Applicants believe that the pending claims, Claims 19-25, are in condition for allowance and Applicants respectfully request that a timely Notice of Allowance be issued in this case.

Applicants hereby authorize the Commissioner to charge any fees which may be required or credit for overpayment for entry of this Amendment to Deposit Account No. 18-1850.

Respectfully submitted,



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March 14, 2006